

PATENT

INSTITUT FRANÇAIS DU PETROLE

HYBRID RISER OR PIPE FOR FLUID TRANSFER

Inventor : Francis BIOLLEY

ABSTRACT

Pipe for great water depths allowing transfer of a fluid between a floating support  
- (1) and a point situated below and at a distance from the water surface, characterized in  
that it comprises :

→ at least one flexible part - (7) - connected at one of its ends to the point  
situated below the surface,

→ at least one rigid part - (6) - connected to the flexible part at one of its ends  
and to the floating support at the second end,

→ <sup>the</sup> said rigid part being held up onto the floating support by holding means  
- (9) allowing this part to be essentially tensioned under the effect of its own weight.

~~Riser for petroleum effluent production.~~